

easily accessible as they extend outside of the stator body 14, and allow connections 50 to be made to the mid-winding portion with relative ease. The phase windings 20 have two end terminals 52 at opposite ends of the winding, terminal taps 50 may be connected to selected winding end turns to extract electric power from only a portion of the winding. A terminal tap 50 may provide a connection to any one or more of the end turns 36 in a phase winding 20.

IN THE CLAIMS

Please substitute the following amended claim(s) for corresponding claim(s) previously presented. A copy of the amended claim(s) showing current revisions is attached.

8. (Twice Amended) A method for connecting armature windings in an electrical machine, wherein the armature windings include a plurality of phase windings, said method comprising:

- a. segmenting each of the plurality of phase windings into a first winding segment and a second winding segment by establishing a connection point at one of a plurality of available mid-winding connection points on each of said phase windings;
- b. at the established mid-winding connection point, connecting an end of the first winding segment in each phase winding to an end of the first winding segment in another of said phase windings to form a Delta winding topology, and

c. at the established mid-winding connection point, connecting a first end of one of said second winding segments to a plurality of connected ends of said each of said first winding segments to form a Wye topology about each mid-winding connection point.

13. (Twice Amended) A method for connecting armature windings in an electrical machine, wherein the armature windings include a plurality of phase windings, said method comprising:

a. segmenting each of the plurality of phase windings into a first winding segment and a second winding segment by establishing a connection point at one of a plurality of available connection points on said phase winding;

b. at the established connection point, connecting an end of the first winding segment in each phase winding to an end of the first winding segment in another of said phase windings to form a Delta winding topology;

c. at the established connection point, connecting a first end of one of said second winding segments to a plurality of connected ends of said each of said first winding segments to form a Wye topology about each connection point, and

d. establishing a line-to-line output level (V_{LL}) between each of said phase windings in accordance with the following expression:

$$V_{LL} = |Xe^{j\pi/6} + (1 - X)|$$